

REMARKS

Favorable reconsideration and allowance of the present application are respectfully requested in view of the following remarks. Claims 1-3, 5-17, 19-20 and 22-58 were pending.

In the Office Action, claims 2-3, 5-8, 11-17, 18-19, 20, 22-25, 28-33, 36, 37, 39-40, 42-43 and 50-52 are indicated to include allowable subject matter. *See Final Office Action, item 3.* In item 2 of the Final Office Action, claim 17 is indicated to be rejected as being anticipated by Kubo (US Patent 6,992,711). Thus, Applicants will treat claim 17 as being rejected even though it is also listed as including allowable subject matter. As a result, Applicants will treat claims 2-3, 5-8, 11-16, 18-19, 20, 22-25, 28-33, 36, 37, 39-40, 42-43 and 50-52 as including allowable subject matter.

In this Reply, the following amendments are made to put the application in condition for allowance.

- Claims 34, 46 and 55 are canceled;
- Claim 11, which is indicated to include allowable subject matter, is canceled and the features therein are incorporated into independent claim 1.

Accordingly, independent claim 1 is allowable;

- Claim 28, which is indicated to include allowable subject matter, is canceled and the features therein are incorporated into independent claim 17. Accordingly, independent claim 17 is allowable;
- Claim 36, which is indicated to include allowable subject matter, is canceled and the features therein are incorporated into independent claim 35. Accordingly, independent claim 35 is allowable;
- Claim 37, which is indicated to include allowable subject matter, is converted to be in independent form. Accordingly, independent claim 37 is allowable;
- Claim 39, which is indicated to include allowable subject matter, is canceled and the features therein are incorporated into independent claim 38. Accordingly, independent claim 38 is allowable;
- Claim 40, which is indicated to include allowable subject matter, is converted to be in independent form. Accordingly, claim independent 40 is allowable;
- Claim 42, which is indicated to include allowable subject matter, is canceled and the features therein are incorporated into independent claim 41. Accordingly, independent claim 41 is allowable; and

- Claim 43, which is indicated to include allowable subject matter, is converted to be in independent form. Accordingly, independent claim 43 is allowable.

As amended, claims 1-3, 5-10, 12-17, 19-20, 22-27, 29-33, 35, 37-38, 40-41, 43-45, 47-54 and 56-58 are pending. Claims 1, 17, 35, 37, 38, 40, 41 and 43 are independent.

It is demonstrated above that all independent claims are now allowable. Accordingly, the dependent claims 2-3, 5-10, 12-16, 19-20, 22-27, 29-33, 44-45, 47-54 and 56-58 are also allowable for at least due to their dependencies from the allowable independent claims.

CONCLUSION

All objections and rejections raised in the Final Office Action having been addressed, it is respectfully submitted that the present application is in condition for allowance. Should there be any outstanding matters that need to be resolved, the Examiner is respectfully requested to contact Hyung Sohn (Reg. No. 44,346), to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit

U.S. Application No. 09/757,471
Docket No. 3562-0112P
Art Unit: 2622
Page 21 of 21

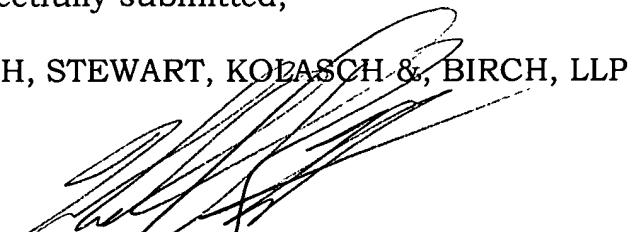
Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Date: February 1, 2007

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By:


Michael K. Mutter
Reg. No. 29,680

MKM/HNS/JRS/jm

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000